

IL FERTILITY INCREASED BY ILLINOIS SYSTEM

Experimental Station
Announces Results of Ex-
periments in Nitrogenation.

The Illinois System of Permanent Soil Fertility—the originator of which was the late Cyril G. Hopkins of the University of Illinois—is meeting the requirements of the agricultural experiment station of the university. The results of the Illinois system on nitrate nitrogen have been studied since 1915. By the wise application of green manure, especially sweet and red clovers, as included in the Illinois system, it has been found that nitrate nitrogen can be produced for crops. Extensive data have been obtained supporting the value of soil treatment as a logical avenue of approach to the problem. Nitrogen in an available form is increased in large amounts by corn, wheat, oats, and other crops at the end of periods in their growth. Raw rock phosphate is an important factor in increasing the amount of nitrate produced, and in good rotations the effect of rock phosphate is much greater than in poor rotations. Green manure crops plowed under in April or early in May were found to be effectively supplying available nitrogen to the succeeding crops of that year. Red clover and sweet clover were especially studied as to their ability to supply corn with sufficient nitrate nitrogen. Both crops proved to be so rapid in their decomposition when plowed under in the spring that large amounts of nitrate were found ready for the corn crop by June 15. June is the month of greatest nitrate production, while late spring and early fall are the most productive seasons of the year. Serious losses of available nitrogen may result from rainfall. With the most important feeding periods for the various crops determined under field conditions as brought out by these investigations, methods of controlling the available nitrogen production may be intelligently developed for field practice.

On County Records

Harry H. Cleveland and wife to Dorothy Hill, lot 27, McInnis Bros' eighth street addition, Rock Island, \$650.
By B. Hubbard and Robert M. Pearce and wives to Edward A. Freed and William Leitch, lot 3 and 4 block 6, second addition Edgewood Park, Rock Island, \$100.
By Parr and Sarah E. Oaks and husband to Julius Welch, lot 6, southwest 1/4 section 22-17-4W, \$3.
Ernest R. Redman and wife to Gust Olson, part lot 4, block 1, Stewart's second addition, Moline, \$1500.
Ernest R. Redman and wife to Edna Lundberg, part lot 4, block 1, Stewart's second addition, Moline, \$1200.
Hilda C. and Fred Johnson to Frances J. Mehys, lot 17, block 3, S. S. Woodburn's addition, Moline, \$1.
William H. Lyford to Grace R. Bellum et al., part section 12-19-12, \$10.
Peter C. Simmons et al. to Harry Kala and wife, part lot 12 and 13, block's second addition, Rock Island, \$1.
James Gilbreath and wife to Robert E. and Pearl Shaw, lot 1,

Arsenal Exhibit Grows With Addition of Many Guns of Historic Value

The Rock Island arsenal museum, the only one of its kind in the country, and generally conceded to contain the finest collection of implements of warfare, has recently had added to its exhibit a number of pieces which help it to sustain this reputation.

The additions have been made within the last few months, since The Argus last contained an account of the reorganization of the museum, and the promotion of Russell West, for 30 years an employee of the arsenal, to museum curator. To Colonel Harry B. Jordan, arsenal commandant, who has continually worked for the upbuilding of the museum, is credit due for the additions.

One of the pieces of chief interest is a 33 mm. anti-aircraft gun captured by the Germans on Sept. 26, 1918, by men of the 132nd infantry, 33rd division. With the gun is an account of the heroic action of Americans which resulted in its capture. The account reads as follows:

"The Iron Division."
"The 33rd division has been called 'The Iron Division,' by officers of the French army who have been with it in action. As an example of the gallantry of the men of this unit, should be quoted the exploit of a captain of the 132nd infantry, who on Sept. 26, 1918, becoming separated from the balance of his company because of a fog, with nine soldiers pushed forward and attacked nine active hostile machine guns, capturing all of them without the loss of a man."

"Continuing on through the woods, he led his men in attacking a battery of 45 mm. howitzers, which were in action, rushing the position and capturing the battery and its crew. In this encounter the captain personally attacked one of the enemy with his fists."

"Later when the party came upon two more machine guns, this officer sent men to the flanks, while he rushed forward directly in the face of the fire and silenced the guns, being the first one of the party to reach the nest."

Trophy Captured.
"The exceptional gallantry and determination displayed by attack resulted in the capture of 100 prisoners, 11 machine guns, four 45 mm. howitzers and one anti-

aircraft gun. This is the anti-aircraft gun captured by the 132nd infantry on Sept. 26, 1918, in the Bois de Forges."

The officer who performed this spectacular feat was Captain George H. Mallow.
A second gun lately added to the museum collection is a French 55 mm. howitzer which has seen 12 months of active service in France. Marked on the shield of the howitzer are two gold stars, which indicate the death of two American soldiers during its operation, and seven gold stripes, indicating seven American soldiers wounded during the service of this piece of artillery.
There have been received 50 small arms of different makes captured by the German army from the allies, and found at Coblenz-Lutzel by Captain Aney of the United States army. They were taken from Chinese, British, French, Belgian and Italian forces.
A Dummy Gun.
Several samples of machine guns of the Germans and Austrians are now on exhibit, and one in particular reveals somewhat of the German method of warfare. It is a dummy machine gun, with a dummy sled mount. Its use was as a decoy for allied forces, who, when they attacked it, were in turn charged by hidden Germans. The allies are not known to have employed any similar subterfuge. The time or place of the capture of this gun are not known.
A French 77 mm. anti-aircraft gun, an Austrian 55 mm. howitzer, a German 77 mm. field gun, the last two showing signs of active service, are also in the group. Outside the museum, and not its property, are now standing several pieces of German, Austrian and Russian artillery, shipped to the arsenal for examination, and which will be there for an indefinite period of time.
Mr. West also has to show a shell invented by the Germans to be used in a special type of rifle for combatting the tanks of the allies. Twice as large as the ordinary rifle cartridge, these, it is reported, would penetrate the metal side of the tanks if they struck it direct.
"But," Mr. West adds, "no American soldier to my knowledge has ever seen a tank damaged by a German shell."

ONE YEAR AGO

American peace delegation reported to have decided upon amendment of article X of the League of Nations covenant, so as to safeguard the Monroe doctrine.

Today's Birthdays

Dr. Simon Flexner, director of the Rockefeller Institute for Medical Research, born in Louisville, Ky., 57 years ago today.
Thomas Nixon Carver of Harvard, one of the world's greatest authorities on economics, born at

Kirkville, Iowa, 55 years ago today.
Colonel Wilfrid Treasiger, British consul general in New York city, born 49 years ago today.
Rt. Rev. Frank Hale Tourret, the new Episcopal bishop of Idaho, born at Salem, Mass., 45 years ago today.
George Sutherland, former United States senator from Utah, born in England, 58 years ago today.

CONVENTIONS

Dallas—Texas Automobile Dealers' association.
Norfolk, Va.—North Carolina Pine association.
Cape Girardeau, Mo.—Southeast Missouri Retail Lumber Dealers' association.



"An all-around good shot—that's us"—
—Chesterfield

WHAT we're aiming at, is that it takes both skill and precision to blend tobaccos the Chesterfield way.

Blending, by Chesterfield's method, brings out a new richness of flavor and mellowness of taste that other and less skillful blending methods fail to "discover."

Chesterfields sure do "satisfy"—and not in flavor alone, but in value, in quality, also in their extra wrapping* of moisture-proof, glassine paper that keeps the cigarettes in every package firm and fresh.

Today, ask your dealer for these "satisfy-smokes."

Lightly and Tolerably

*That extra wrapper, mind you, is the thing that keeps the flavor in.

Chesterfield

CIGARETTES

They Satisfy

Food Is Your Building Material
If chosen wisely, you profit in energy and health.
You can do this with economy when you choose for your cereal food—

Grape-Nuts

Delicious in flavor, ready-cooked. Grape-Nuts is the ideal ready-to-eat dish which should be on every family table. There's not a bit of waste, and—

Grape-Nuts needs no sugar

Made by Postum Cereal Co., Battle Creek, Mich.

Don't Pay Advanced Prices for Tires

TIRE PRICES ADVANCE MARCH 8TH FROM 15 TO 35 PER CENT BECAUSE OF THE SCARCITY AND HIGH PRICE OF COTTON FABRIC

BUT you don't have to pay these high prices. You have the fabric in those old tires—all you need is a new rubber tread. We have the most practical and up-to-date equipment in the tricycles for retreading, and can retread your old tires for less than half the cost of a new tire.

DAVID-RIBBED RETREADS
GUARANTEED 3,500 MILES

YOU wouldn't throw away a good pair of shoes merely because the sole had worn out, would you? Well, retreading, when properly done, is just as practical and economical as half-soles shoes. Why throw away the most expensive part of your tire—the fabric carcass—when it can be given a new tread and made serviceable for many thousands of additional miles. Bring your old tires to us, or phone and we will call for them. If they are not worth retreading, we'll tell you. Honesty is our policy. Express or parcel post charges paid on country orders.

David Tire Service Co.
2227 Fourth Ave. Phone R. I. 50

Rock Island, Ill.

YOUR DETROIT JEWEL GAS RANGE

It is here—the very style and size you want.

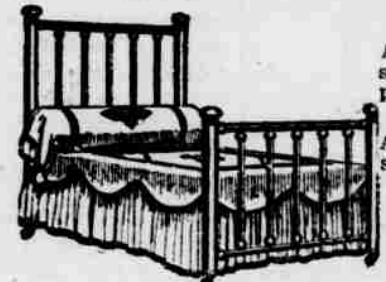
Convenient, economical, and thoroughly dependable.

The Detroit Jewel Gas Range illustrated, delivered to your home for

\$35



A Brass Bed for \$28.95



A substantial, well-constructed brass bed, two inch posts, pleasing design.

A very excellent value at our special price of

\$28.95

This Cotton Felt Mattress

Covered with very attractive art ticking, made with roll edge—priced for early spring selling at

\$16.95



Carpet Sweeperr

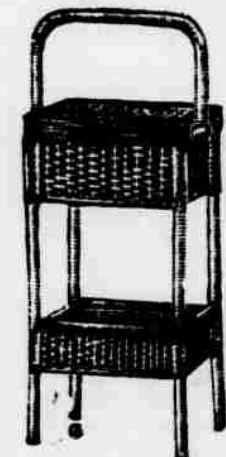
A Bissell—the sweeper you know you can always depend upon, special at

\$3.75

Ironing Board

We are offering a strong, durable, folding ironing board, as a special at

\$1.98



This handy SEWING BASKET for \$4.65
No more hunting for needles, thread, shears, etc.



This nickel VACUUM BOTTLE for \$3.65
Pint also. Keeps liquids hot or cold for 24 hours.

A Bed or a Davenport

Two pieces of furniture for the price of one when you purchase one of these Pullmanettes.

Change from davenport to bed in a minute. Always comfortable and restful. A piece of furniture that should be in every home.



\$69

"Push the Button-Back Reclines"



Solid comfort by merely pressing a button if you are sitting in a "ROYAL" Easy Chair.

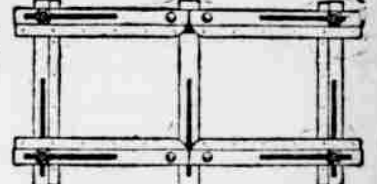
By pressing the button which is by your hand you adjust chair to the position that best suits your individual comfort and ease.

\$29.85

Curtain Stretcher Time Now

Here is a dandy with adjustable pins that we are offering as an early spring special at

\$2.98



Whatever You Need in Furniture, Rugs, or Housefurnishings You Will Find At This Store At a Saving

Liberal Terms of Credit in All Departments

HILL FURNITURE COMPANY

1615-1617 Second Avenue, Rock Island, Ill.



We quote, buy and sell Stocks & Bonds

MORRIS GEISMAR & CO.

30 years in this community.
Central Trust Bldg.
ROCK ISLAND, ILL.
Phone R. I. 1070

STOMACH UPSET?

Get at the Real Cause—Take Dr. Edwards' Olive Tablets

That's what thousands of stomach sufferers are doing now. Instead of taking tonics, or trying to patch up a poor digestion, they are attacking the real cause of the ailment—clogged liver and disordered bowels.

Dr. Edwards' Olive Tablets arouse the liver in a soothing, healing way. When the liver and bowels are performing their natural functions, away goes indigestion and stomach troubles.

Have you a bad taste, coated tongue, poor appetite, a lazy, don't-care feeling, no ambition or energy, trouble with undigested foods? Take Olive Tablets, the substitute for calomel.

Dr. Edwards' Olive Tablets are a purely vegetable compound mixed with olive oil. You will know them by their olive color. They do the work without gripping, cramps or pain.

Take one or two at bedtime for quick relief. Eat what you like. 10c and 25c